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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Application Number	09/914,694
Filing Date	August 31, 2001
First Named Inventor	David L. Narum
Group Art Unit	1645
Examiner Name	Not Yet Assigned NARUM
Attorney Docket Number	05213-0463 (43170-263082)

Sheet	1	of	3
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Substitute for Form 1449/A/PTO		Complete if Known	
		Application Number	09/924,154
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	August 31, 2001
		First Named Inventor	David L. Narum
		Group Art Unit	1645
		Examiner Name	Not Yet Assigned NAVARRO
		Attorney Docket Number	05213-0463 (43170-263082)
Sheet	2	of	3

OTHER INFORMATION - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
~	4	ADAMS, J. H., HUDSON, D. E., TORII, M., WARD, G. E., WELLEMS, T. E., AIKAWA, M., MILLER, L. H. "The Duffy receptor family of Plasmodium knowlesi is located within the merozoites of invasive malaria merozoites." Cell. 63: 141-153. 1990	TECH CENTER 1600/2900
~	5	ADAMS, J. H., SIM, B. K. L., DOLAN, S. A., FANG, X., KASLOW, D. C., MILLER, L. H. "A family of erythrocyte binding proteins of malaria parasites." Proc. Natl. Acad. Sci. 89: 7085-7089 (1992).	
~	6	CHITNIS, C. E., MILLER, L. H. Identification of the erythrocyte binding domains of Plasmodium vivax and Plasmodium knowlesi proteins involved in erythrocyte invasion. J Exp Med 1994 Aug 1; 180(2):497-506.	
~	7	CAMUS, D., AND T. J. HADLEY. A Plasmodium falciparum antigen that binds to host erythrocytes and merozoites. Science. 1985; 230, no. 4725:553.	
~	8	FANG, X., KASLOW, D. C., ADAMS, J. H., MILLER, L. H. "Cloning of the Plasmodium vivax Duffy receptor." Mol. Biochem. Parasitol. 44: 125-132 (1991).	
~	9	HADLEY, T. J., ERKMEN, Z., KAUFMAN, B. M., FUTROVSKY, S., MCGUINNIS, M. H., GRAVES, P., SADOFF, J. C., MILLER, L. H., Factors influencing invasion of erythrocytes by Plasmodium falciparum parasites: the effects of an N-acetyl glucosamine neoglycoprotein and an anti-glycophorin antibody. Am J Trop Med Hyg 1986 Sep; 35(5):898-905.	
~	10	MILLER, L. H., MASON, S. J., DVORAK, J. A., MCGINNIS, M. H., ROTHMAN, I. K., Erythrocyte receptors for (Plasmodium knowlesi) malaria: Duffy blood group determinants. Science 1975 Aug 15; 189(4202):561-3.	
~	11	ORLANDI, P. A., KLOTZ, F. W., AND HAYNES, J. D. "A malaria invasion receptor, the 175-kilodalton erythrocyte binding antigen of Plasmodium falciparum recognizes the terminal neu5Ac((2-3) gal-sequences of glycophorin A." J. Cell Biol. 116:901-909 (1992).	
~	12	SIM, B. K., ORLANDI, P. A., HAYNES, J. D., KLOTZ, F. W., CARTER, J. M., CAMUS, D., ZEGANS, M. E., AND CHULAY, J. D. Primary structure of the 175K Plasmodium falciparum erythrocyte binding antigen and identification of a peptide which elicits antibodies that inhibit malaria merozoite invasion. J Cell Biol. 1990; 111, no. 5 Pt 1:1877-1884.	
~	13	SIM, B. K. L., CHITNIS, C. E., WASNIOWSKA, K., HADLEY, T. J., MILLER, L. H., "Receptor and ligand domains for invasion of erythrocytes by Plasmodium falciparum. Science. 264:1941-1944. (1994)	

Examiner Signature	MARK NAVARRO	Date Considered	1/25/05
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¹Unique citation designation number. ²Applicant is to place a check mark here if English language translation is attached.

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		Application Number	09/914,694
		Filing Date	August 31, 2001
		First Named Inventor	David L. Narum
		Group Art Unit	1645
		Examiner Name	Not Yet Assigned NAVARRO
Sheet 3	of 3	Attorney Docket Number	05213-0463 (43170-263082)

OTHER INFORMATION - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	2
~	14	SIM, B. K. L., "Delineation of functional regions on <i>Plasmodium falciparum</i> EBA-175 by antibodies eluted from immune complexes." Molecular and Biochemical Parasitology, Vol. 95 (1998) pgs.183 - 192.	TECH CENTER 600/2900
~	15	NARUM, D. L. et al. "Inhibition of <i>Plasmodium falciparum</i> sialic acid-dependent (alternative pathway) invasion mediated by antibodies against EBA-175 region II." American Journal of Tropical Medicine and Hygiene, Vol. 61, No. 3 Suppl., (1999) pgs. 205 - 206.	
~	16	LUU, T. et al. "Epitope mapping of monoclonal antibodies that block the binding of the <i>Plasmodium falciparum</i> merozoite ligant EBA-175." American Journal of Tropical Medicine and Hygiene, Vol. 61, No. 3 Suppl., (1999), pages 492 - 493.	
~	17	HADLEY, T.J., "Invasion of erythrocytes by malaria parasites: a cellular and molecular overview." Annu Rev. Microbiol. (1986):40:451-77.	

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Examiner Signature	MARK NAVARRO	Date Considered	1/25/05
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In re Application of:

David L. Narum and Kim Lee Sim

Serial No. 09/914,694

U.S. Filing Date: August 31, 2001

National Phase Filing Date: March 3, 2000

I.A. Filing Date: March 4, 1999

For: Anti-Plasmodium Compositions and
Methods of Use

Art Unit: 1645

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT

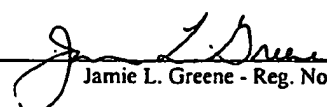
Assistant Commissioner for Patents
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The citation of this information does not constitute an admission of priority or that any cited item is available as a reference, or a waiver of any right the applicant may have

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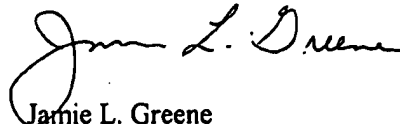

Jamie L. Greene - Reg. No. 32,467

ATLLIB02# 73074.1

Applicants: David L. Narum and Kim Lee Sim
Patent Application Serial No. 09/914,694
Page 2 of 2

under applicable statutes, Rules of Practice in patent cases, or otherwise.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Jamie L. Greene". The signature is fluid and cursive, with the first name "Jamie" being more prominent.

Jamie L. Greene
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Our Docket: 05213-0463 (43170-263082)